

NOVEMBER/DECEMBER 2025

**FECS64C/CECS64C — CLOUD
COMPUTING**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is cloud computing?
2. Write the fundamentals of cloud computing.
3. Define SOA.
4. What is virtualization?
5. Define CGL.
6. Write any two difference between parallel and distributed programming paradigms.
7. Write any two examples of mapping applications software.
8. What is DCN server?

9. What are the challenges and risk associated with cloud?
10. Define data security.

SECTION B — ($5 \times 5 = 25$ marks)

Answer ALL questions.

11. (a) Explain Cloud computing Architecture.

Or

- (b) Describe the cloud computing matters.

12. (a) Explain Multicore technology.

Or

- (b) Write the different technologies using in Memory and Storage.

13. (a) Explain the Map reduce and interactive map reduce mechanism about cloud computing.

Or

- (b) Describe the VMware and how does it work?

14. (a) Explain the open source tools for Research in cloud computing.

Or

- (b) Write some perspective on SaaS development.

15. (a) Briefly write the Automatic and Application Security.

Or

- (b) Explain the Security Governance.

SECTION C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

16. Explain the types of computing paradigms.
17. Describe the Cloud service models.
18. Illustrate the programming models in Aneka.
19. Elucidate the transport layer issues in DCNs.
20. Describe the Security architecture design in cloud computing.